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	Application No.	Applicant(s)	Y
Notice of Allowability	10/751,821 Examiner	MCNAIR, DOUGLAS S. Art Unit	+
	Michael C Astorino	3736	V
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOL- NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED in this 85) or other appropriate communic RIGHTS. This application is subjection	s application. If not included ation will be mailed in due course.	THIS initiative
1. \boxtimes This communication is responsive to <u>application filed 1/</u>	<u>′2004</u> .		
2. The allowed claim(s) is/are <u>1</u> .			
3. \boxtimes The drawings filed on <u>10/2004</u> are accepted by the Exa	miner.	•	
4. ☐ Acknowledgment is made of a claim for foreign priority a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents h 2. ☐ Certified copies of the priority documents h 3. ☐ Copies of the certified copies of the priority International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DAT noted below. Failure to timely comply will result in ABANDO THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be su INFORMAL PATENT APPLICATION (PTO-152) which for the complex properties of the priority documents heets") is corrected by the Notice of Draftsparkers of the priority documents heets") is corrected by the Notice of Draftsparkers of the priority documents heets") is corrected by the Notice of Draftsparkers of the priority documents here.	ave been received. ave been received in Application Note that communication to file a result of this application. About the attached EXAMI gives reason(s) why the oath or demust be submitted. Derson's Patent Drawing Review (Files)	o this national stage application from eply complying with the requirement of NOTICE of the charation is deficient.	nts
(b) ☐ including changes required by the attached Examir Paper No./Mail Date Identifying indicia such as the application number (see 37 CF			f
each sheet. Replacement sheet(s) should be labeled as such	in the header according to 37 CFR 1	121(d).	
 DEPOSIT OF and/or INFORMATION about the de attached Examiner's comment regarding REQUIREMENT 			
 Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-94) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/S Paper No./Mail Date	6. Interview Sumr Paper No./Ma SB/08), 7. Examiner's Am	I Date	

Application/Control Number: 10/751,821

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The following is an examiner's statement of reasons for allowance: the claimed invention:

A method in a computing environment for effecting a statistical assessment of mortality-predictive patterns in longitudinal timeseries data from individual persons admitted to hospital-based intensive care, the method comprising the steps of:

accessing mortality-predictive serial data received from a plurality of scores; performing spectral analysis;

calculating a Lyapunov exponent, and

if the Lyapunov exponent is negative, outputting values for the exponent for at least one point in time in the timeseries so that the outcome for the individual person may be predicted.

Callaway et al. and Fulton each disclose aspects of the claimed invention however fail, along with the prior art to disclose, "if the Lyapunov exponent is negative, outputting values for the exponent for at least one point in time in the timeseries so that the outcome for the individual person may be predicted."

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael C Astorino whose telephone number is 703-306-9067. The examiner can normally be reached on Monday-Friday, 10:00AM to 4:00PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Max Hindenburg can be reached on (703) 308-3130. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MA September 17, 2004

> MAX F. HINDENBURG SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 3700

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